

Date: Thu, 18 Aug 94 16:29:55 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #933
To: Info-Hams

Info-Hams Digest Thu, 18 Aug 94 Volume 94 : Issue 933

Today's Topics:

Am-radio conditions and exams in US?
 AZ Northlink Status ?
 Code only Course, Ottawa Ont
 Code Quick for Learning Morse
 GJ3ULT
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 Ragchewing conversational protocol
 Regency HR-2A
 TNC Recommendation
 TS-50 mic function control
 TS-690S AND TRANSVERTERS
 VHF: non-FM (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 17 Aug 1994 12:24:02 GMT
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!usc!cs.utexas.edu!
swrinde!pipex!uknet!brunel!xxxxajh@network.ucsd.edu
Subject: Am-radio conditions and exams in US?
To: info-hams@ucsd.edu

My son who is currently working in the States, wants to obtain a
licence to operate the am. radio bands.

Question:-

What are the requirements for a licence in the US?

Perhaps I should have asked 'for all classes of licence'!

Please email answers as I have to read far too many newsgroupos
as it is, I can't afford the time to read more(:-)

Ta!

Regards

Alan Holmes G4CRW

Date: 18 Aug 1994 18:05:15 GMT
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!gatech!news.byu.edu!news.kei.com!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
howland.@@ihnp4.ucsd.edu
Subject: AZ Northlink Status ?
To: info-hams@ucsd.edu

I'm going to be down in SW Colorado climbing some peaks the next weekend
(Aug 27th). Can anyone from Arizona tell me if the Northlink system has
had the Flagstaff link restored yet? Does it get through from Navajo
Mtn to Phoenix?

Thanks much!

-Paul Christofanelli

Date: Thu, 18 Aug 1994 18:43:06 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
utnut!torn!nott!cunews!freenet.carleton.ca!FreeNet.Carleton.CA!
ac742@network.ucsd.edu
Subject: Code only Course, Ottawa Ont
To: info-hams@ucsd.edu

I noticed in their recently delivered flyer that Algonquin
College at their Lees Ave. campus will be offering a Morse Code
only course starting on Sept. 8th and running until Dec 15th. It
is once a week on Thursdays from 6:30 to 9:30. The course number
is GEN5532 and it costs \$138.41 (some of it tax deductible (talk

to your accountant)). If you are interested, give Algonquin a call at 727-9565 (9am to 8pm Mon. to Thurs. and 9:00 am to 4:30 Fridays).

Also they will be offering their basic course on Tuesdays starting Sept 6 until Dec 13 (also 6:30 - 9:30pm). The course number is GEN5530.

The code course is offered only rarely and it is a great way to up-grade those no-code qualifications and get on HF.

Greg Danylchenko
VE3YTZ

Date: Thu, 18 Aug 1994 17:52:15 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!newsserver.jvnc.net!phinet!
ryan@network.ucsd.edu
Subject: Code Quick for Learning Morse
To: info-hams@ucsd.edu

Geoffrey S. Mendelson (gsmlrn@gsm001.mendelson.com) wrote:
: Robert J. Kinder (rkinder@gate.net) wrote:
: : Has any used the "Code Quick" product by Wheeler Applied Research Lab to
: : learn Morse code? Does it work? How well? Any comments?

: I have. I had been trying since 1965 to learn the code. I tried all sorts
: of things and had no luck. With code quick I passed the 5 wpm test
: (100%, >2 min perfect copy) in about 2.5 months.

Can anyone compare this with SuperMorse or Morse Practice Program? Is it something different or does it also use 5wpm character spacing with 18wpm characters?

: Geoffrey S. Mendelson N3OWJ (215) 242-8712 gsm@mendelson.com

M. Dominic Ryan (610)-270-6529 SmithKline Beecham Pharmaceuticals
Internet: ryan%phmms0.mms@sb.com King of Prussia, PA

Date: 18 Aug 1994 02:42:19 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
gerald@cc.utexas.edu!astro.as.utexas.edu!oo7@network.ucsd.edu
Subject: GJ3ULT
To: info-hams@ucsd.edu

dara@physics.att.com (Shel Darack) asks:

>>Months ago I worked GJ3ULT. There's no callbook listing but it
>>was suggested that I try sending it to G3ULT who holds the only
>>call with "ULT" and might also be GJ3ULT. Unfortunately, there
>>was no response to my qsl and postage. Any other suggestions
>>from the UK?

I don't know anything about this particular person, but you
did the right thing. The Gs issue calls in order, regardless
of the prefix, so if I operated from Wales I would sign GW3NMX
without any ambiguity. In Jersey I would be GJ3NMX and so on.

I worked GJ3ULT in the Feb 94 ARRL-cw contest (40m), so it sounds
as if you have the call right. If that is when you worked this
station, there really hasn't been enough of a time delay to worry
yet. It can easily take 6 months to get cards printed and face
answering the requests, considering that right after an intensive
contest the last thing you want to do is think about that aspect
of things.

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Thu, 18 Aug 1994 09:43:59 GMT
From: ihnp4.ucsd.edu!munnari.oz.au!yarrina.connect.com.au!
harbinger.cc.monash.edu.au!yeshua.marcam.com!news.kei.com!sol.ctr.columbia.edu!
usenet.ucs.indiana.edu!battin@network.ucsd.edu
Subject: HELP! HOW TO IMPROV
To: info-hams@ucsd.edu

In article <32t1it\$knq@masala.cc.uh.edu>, David Jenkins (djenkins@jetson.uh.edu)
wrote:

> In <2d.23019.2003.0N850D7C@exchange.com>, john.tant@exchange.com (John Tant)
writes:

> >

> >>I use a different method that works for me. I just scratch down the
> >>dots and dashes, using a shorthand stroke format I developed, and
> >>sight read the resulting text. I can read that shorthand as easily
> >>as I read normal alphabetic text. This is the way Sammy Morse originally
> >>did it, except he used a machine to make the marks while I do it by
> >>hand to meet legal requirements for the tests. Of course it isn't
> >>terribly fast. In normal operating, I let a machine do it too.

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> >
> >>Gary Coffman KE4ZV          |    You make it,      | gatech!wa4mei!ke4zv!g
> >>Destructive Testing Systems |    we break it.     | uunet!rsiatl!ke4zv!ga
> >>534 Shannon Way            |    Guaranteed!     | emory!kd4nc!ke4zv!gar
> >>Lawrenceville, GA 30244    |                      |
```

```
> When I took the Technician test here in Houtosn a few weeks ago, I
> overheard the examiners specifically tell the testees that they (the
> examiners) would not allow testees to record dots and dashes and then
> translate them to english text later. It wasn't clear to me whether
> Gary's method would have been allowed or not.
```

The method of passing the test by transcribing the dots and dashes and then transliterating them into letters during the time allotted for "correcting" your text is specifically recommended by Wayne Green in one of his editorials this year. I don't have the issue handy, but it was sometime around May or June. I don't see anything wrong with using this technique, if possible, during an actual QSO, but it certainly seems to me to be wrong to do so during the exam. The reason I think this method is cheating is not because I'm a priori against any particular means of getting the correct answer onto paper. Rather, it seems to me that this method depends implicitly on misusing that portion of the exam time which is supposed to be used for correcting relatively straight-forward errors, and, IMHO, not to be used to perform some intermediate transliteration step.

After all, if we take the argument to an extreme, why not simply take a tape recorder to the exam, record the test, then play it back real slow so you can translate it to plain english? After all, making a magnetic intermediate impression on a ferrous-oxide-coated plastic strip is just an extension of technology in the tradition Morse himself started, isn't it? How can it possibly be worse than using a typewriter?

: -)

[deletions...]

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> Are the rules governing such practices subject to local options? Is
> there any kind of uniformity in what practices are allowed/disallowed?
```

Yeah, I'm curious about this too.

--

Gene Battin, N9XAM
battin@iucf.indiana.edu

```
-----
Date: Thu, 18 Aug 1994 04:34:58 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
asuvax!chnews!ennews!stat!aznetig!daniel.meredith@network.ucsd.edu
```

Subject: Internet gateway to packe
To: info-hams@ucsd.edu

-> Path: stat!ennews!asuvax!gatech!howland.reston.ans.net!EU.net!sun4nl!
-> From: paulv@xs4all.hacktic.nl (paulv)
-> Newsgroups: rec.radio.amateur.misc
-> Subject: Internet gateway to packet radio in W
-> Date: 17 Aug 1994 20:43:03 GMT
-> Organization: XS4ALL, networking for the masses
-> Lines: 13
-> Message-ID: <32tson\$ejf@news4all.hacktic.nl>
-> NNTP-Posting-Host: xs4all.hacktic.nl
-> X-Newsreader: TIN [version 1.2 PL2]
->
-> Hi there,
-> Some time ago I read something about the possibility of reaching the
-> packet radio network in the US through an Internet gateway.
->
-> Does someone knows this gateway? How to reach/address??
->
-> Thanks....Paul(PA3APA)

Contact WB7TPY@WB7TPY.AMPR.ORG

His name is David and he can e-mail you the instructions on using
his e-mail to packet and vice-versa gateway...

73 de Dan

\-----/
Daniel J. Meredith |Internet: daniel.meredith@aznetig.stat.com
P.O. Box 44563 | Ax.25: n7mrp@n7mrp.az.usa.na
Phoenix, Arizona |ListOwner: f6fbb-list@stat.com
85064-4563 |___|"ALL Comments Are My OWN, NOT My Employer"
Voice : +1-602-809-7384 | BELL ATLANTIC MOBILE SYSTEMS
Home & Fax : +1-602-956-2566 | Internet: ba.com
Data PBBS : +1-602-912-0225 | Banyon: Daniel J. Meredith@CS_TEMPE@BAMASW

Date: Thu, 18 Aug 1994 18:09:26 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!nic-
nac.CSU.net!charnel.ecst.csuchico.edu!csusac!zimmer!zimmer.csufresno.edu!
rafaels@network.ucsd.edu
Subject: I Passed the Test!
To: info-hams@ucsd.edu

>Mike Wallendahl (i9261739@wsuaix.csc.wsu.edu) wrote:
>: I just wanted to tell everyone that on Saturday I passed my tests for a
>: Technician No-Code license. Now comes the waiting. How long is the
>: average wait time now? I heard 17 weeks and 13 weeks. Anyone hear any
>: more optimistic times? :)

>: Mike, No callsign yet, but 2 days and waiting. :) :)

Congratulations! Someone in my radio club told me that one person got his
license in 25 days! I got mine in exactly 2 months.

73 de Rafael, KE6JSR -Fresno, CA-

Date: Wed, 17 Aug 1994 11:54:49 GMT
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!usc!cs.utexas.edu!
chpc.utexas.edu!news.utdallas.edu!corpgate!nrtphaa9.nt.com!brtph560!nt.com!
cmwdr01@network.ucsd.edu
Subject: Need Yaesu FRG-7000 info
To: info-hams@ucsd.edu

Looking for a manual and schematics for a Yaesu FRG-7000 receiver.
Would also like to find out if there is a mod to allow the FRG-7000 to
run from 12-14 Vdc.

73 - Dave.

=====
Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own and do not necessarily reflect the views of
my employer, co-workers or any other person, real or imaginary.

Date: Wed, 17 Aug 1994 18:12:18 GMT
From: netcomsv!netcom.com!wa2ise@decwrl.dec.com
Subject: Ragchewing conversational protocol
To: info-hams@ucsd.edu

In article <43907.hberg@sun.sws.uiuc.edu> <hberg@uiuc.edu> writes:
>On Tue, 16 Aug 1994 16:35:26 GMT,
>Freeman A. Kilpatrick <fkilpatr@afit.af.mil> wrote:

>>I just got my license a few weeks ago, and I noticed a
>>conversational oddity that I hadn't expected. The simplex
>>nature of conversation is kind of difficult to get used to.
>>When ragchewing, you *have* to say something when the other
>>person unkeys their mike. This is in contrast to normal
>>conversation, where a person will usually continue to talk
>>if a response is not elicited. Sometimes the person I'm
>>talking to will stop talking, and I won't have anything to
>>say. I feel like I can't just sit there, so I have to come
>>up with some banal comment or something.

>

>Good observation. It's especially difficult when you're just starting out.
>son did most of the radio work, and it was very frustrating for him at
>first because after a conversation was started, the person he was talking
>to would make some insignificant comment, then stop. My son would ask
>"What should I say?" He felt he should respond immediately, but couldn't
>think of what to say. I "coached" him quite a bit, and now he gets along
>pretty well. It takes a little thinking ahead so that you can say
>something, even if it changes the subject. If you =really= have
>nothing to say, it's time to say 73 and sign off. ;-)

>

There are some good aspects of this conversation environment, like that
noone can "barge in and grab the floor" untill you are done transmitting.
I've had problems in regular "face to face" "in person" conversations
with people starting to talk before I get done with my sentence.
That can't happen in a "when you transmit, you cannot hear" system.
Thus you won't shut up someone tries to barge in, and a third person
listening will just hear an untellagible mess when we "double" transmit.
Nowdays, in "face to face", I'll keep talking untill I finish my thought
when someone tries to interrupt. (I was youngest in my family, if that
might explain this problem).

Date: 17 Aug 1994 16:05:52 GMT
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!
travelers.mail.cornell.edu!news.kei.com!sol.ctr.columbia.edu!
usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!news@network
Subject: Regency HR-2A
To: info-hams@ucsd.edu

Howdy,

> if the Regency HR-2A (2 meter mobile crystal controlled) would be
> a good radio to use for a packet xceiver?

> And are crystals still available?
> mark@inviso.com

=====

This has been done successfully before in this area. Xtals are available
fm JAN Crystals, or whatever they're calling themselves now.

73 de Jack, K9CUN

Date: Thu, 18 Aug 1994 18:52:53 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!spool.mu.edu!
torn!nott!cunews!freenet.carleton.ca!FreeNet.Carleton.CA!ac742@network.ucsd.edu
Subject: TNC Recommendation
To: info-hams@ucsd.edu

Here is a loaded question, but if you were to buy a new TNC to-day (given
all that on air experience that you have gained since) which manufacturer
and model would you get? I am looking for the best combination of price
and performance.

Thanks in advance.
Greg Danylchenko
VE3YTZ

Date: Thu, 18 Aug 94 06:47:21 MST
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!asuvax!ennews!
stat!david@network.ucsd.edu
Subject: TS-50 mic function control
To: info-hams@ucsd.edu

A while back I inquired to the group about the mic function controls and
how they were instituted on the TS-50 microphone. I finally got a FAX
from Kenwood with a schematic on how it is done.

If anyone needs a copy, please let me know.

david wb7tpy

Editor, HICNet Medical Newsletter
Internet: david@stat.com
Bitnet : ATW1H@ASUACAD

FAX: +1 (602) 451-1165

Date: 18 Aug 94 17:22:44 GMT
From: news-mail-gateway@ucsd.edu
Subject: TS-690S AND TRANSVERTERS
To: info-hams@ucsd.edu

Message:

Greetings, All, I'm setting up my 432 MHz station and I'll be using a Kenwood TS-690S as the IF. I know it can be done with a bit of effort, but I need some input. If anyone can give some suggestions, they would be greatly appreciated. I have two questions:

1) The xvtr input is set up for 26-30 MHz, so I'll need to mod the rig. I've seen one to do an expanded transmit. Has anyone done this? Since the normal modes of transmitting on the ham bands involves a selection of filters, what filtering is used if the output is on a frequency the radio isn't normally designed to handle? Are they bypassed altogether?

2) My xvtr needs only 1mW drive, but I can only lower output to 10W using the front panel controls, so I'll need to go through an attenuator (about 40dB if I figure correctly). As the xvtr has separate input and output ports, what's the best way to split the signal? Bring out the receive line to a separate connector on the rcv side of the internal t/r switch? Build a box with a coax relay and the transmit side going to the attenuator and the receive going straight through? If I bring out a separate rcv line, I'll be bypassing the rig's filter section. Any problems here?

Tnx, Gary WA4YMZ Gary Rogers@dgcc.co.dg.com (Not speaking for DG!)

Date: 18 Aug 94 21:11:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: VHF: non-FM
To: info-hams@ucsd.edu

>That may have sounded like a stupid question, but a visit to the local
>ham radio store convinced me that 99% of the VHF stuff they sell are HT's,
>plus some less than enthusiastic responses from some local hams.

well, yeah.

most of the new radio sales are probably going to new guys and about the cheapest way to get started is to pick up a 2 meter HT when they're on sale. we'll have to check back in a lifetime and see if they accumulate a room full of stuff they don't use anymore.

i dunno -- it seems we have some sort of culture shock going on. since we didn't have much growth in the system (and only marginal replacement rates) we ended up with a lot of people with a lot of time in grade. the tech license

has suddenly twisted this to a lot of new people all at once. i suspect in some areas of the country the elmers that normally work the crowd to develop their operating skills were suddenly overloaded. it will work itself out in time as the new guys become old guys and they get up to speed or develop new ways of doing things as needed (whether it is because of new blood or a lack of leadership from the old guard.)

73, bill wb9ivr

Date: 18 Aug 1994 18:59:40 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!uhog.mit.edu!
news.kei.com!yeshua.marcam.com!charnel.ecst.csuchico.edu!olivea!ncd.com!
newshost.ncd.com!sheridan.ncd.com!@ihnp4.ucsd.edu
Subject: VHF: non-FM
To: info-hams@ucsd.edu

In article <32u6i3\$2kt7@yuma.ACNS.ColoState.EDU>, galen@picea.CFNR.ColoState.EDU
(Galen Watts) writes:

|> In article <32u265\$g8d@charm.magnus.acs.ohio-state.edu>
sbertsch@magnus.acs.ohio-state.edu (Steve Bertsch) writes:

|> >Are there any stats, or even ballpark guesses, on how many folks are still
|> >interested in VHF modes other than FM, particularly 2 meter SSB? I may be
|> >able to pick up a 2 meter all-mode at a good price, but don't want to spend
|> >a chunk of \$\$ on an electronic nick-nack. I live in central Ohio, BTW.

|> Nooooo, nobody doing that stuff anymore.

|> By the way, who's selling and what they got?

This is pretty inaccurate statement. In the San Jose area there is a weekly evening net with 20-40 checkins! The real answer is that it depends on where you live as to how much activity you see.

Certainly the number of people using CW or SSB on 2m doesn't come close to the number of FM users, but there is still a fair number of folks out there. Don't forget the Satellite applications and the VHF contents. Both of these activities have a fair number of participants.

Steve KA6S

Date: 18 Aug 1994 19:05:39 GMT
From: news.columbia.edu!tintin.cc.columbia.edu!fuat@RUTGERS.EDU
To: info-hams@ucsd.edu

References <199408151129.EAA21602@ucsd.edu>, <199408170826.BAA02887@ucsd.edu>,
<YEE.94Aug17144446@mipgsun.mipg.upenn.edu>.c
Subject : Re: Repeater Directory On-Line

In article <YEE.94Aug17144446@mipgsun.mipg.upenn.edu>,
Conway Yee <yee@mipg.upenn.edu> wrote:
>>You say that there is a copy on line someplace on the INTERNET?
>>Where is it located. I've looked and I am unable to find it.
>>I'm sure I am not the only Ham looking.....
>
>As far as I know, the only directory of its sort is at
>mipg.upenn.edu:/pub/yee/rptr010.Z

And for those of you with access to the World Wide Web, you can also
go to the following URL:

<http://www.acs.ncsu.edu/cgi-bin/repeaterdb.perl>

This is a forms interface to Conway's database.

I'm trying to maintain a fairly up to date list of ham resources on
the Internet (WWW, Gopher, FTP, misc.). Pointers are in the Columbia
Univ. ARC's (W2AEE) home page:

<http://www.cc.columbia.edu/~fuat/cuarc/>

(Go to the end of the page.)

Corrections, additions, suggestions welcome.

--Fuat, N2YGN

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612 W115th Street
New York, NY 10025

fuat@columbia.edu
212-854-4804
212-662-6442 (Fax)
N2YGN

End of Info-Hams Digest V94 #933
